

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,023,615 B1  
APPLICATION NO. : 10/763297  
DATED : April 4, 2006  
INVENTOR(S) : Che ram Souza Voigt et al.

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted and substitute therefore the attached title page.

Drawings:

Delete Drawing Sheets 1-7, and substitute therefore the Drawing Sheets, consisting of Figs. 1-7, as shown on the attached pages.

Signed and Sealed this

Fifth Day of December, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
**Voigt et al.**

(10) Patent No.: **US 7,023,615 B1**  
 (45) Date of Patent: **Apr. 4, 2006**

(54) **STRUCTURE FOR SUPPORTING AN OPTICAL TELESCOPE**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 45 days.

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(22) Filed: Jan. 21, 2004

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(52) U.S. Cl. 359/399; 359/423

(58) Field of Classification Search 359/364-366, 359/399, 405, 406, 430, 871-879

See application file for complete search history.

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Primary Examiner—Drew A. Dunn

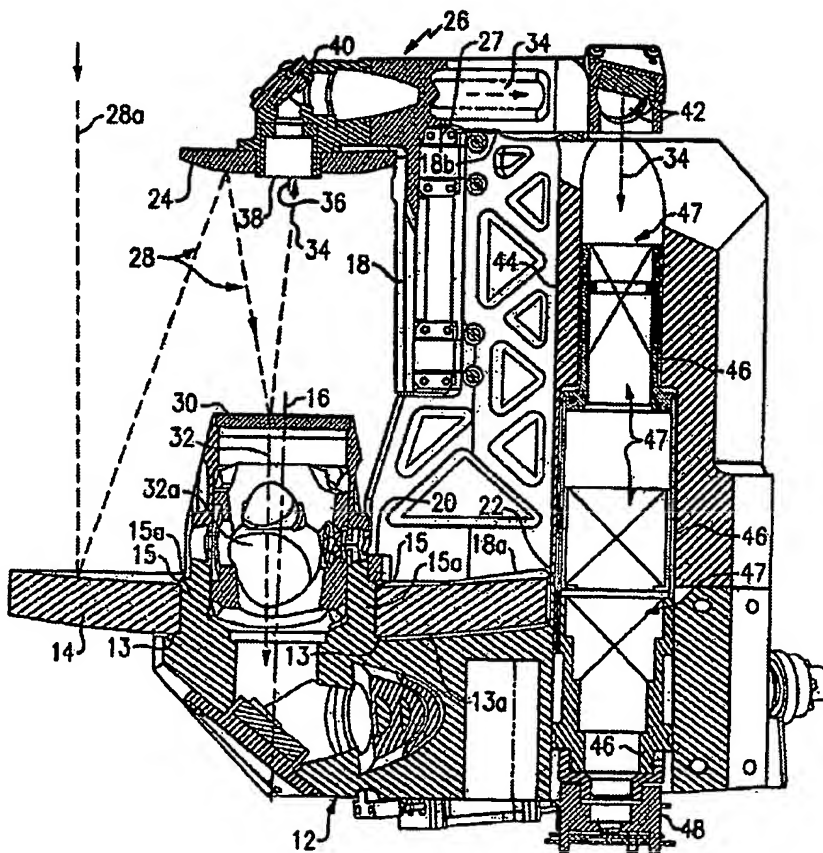
Assistant Examiner—Joshua L Pritchett

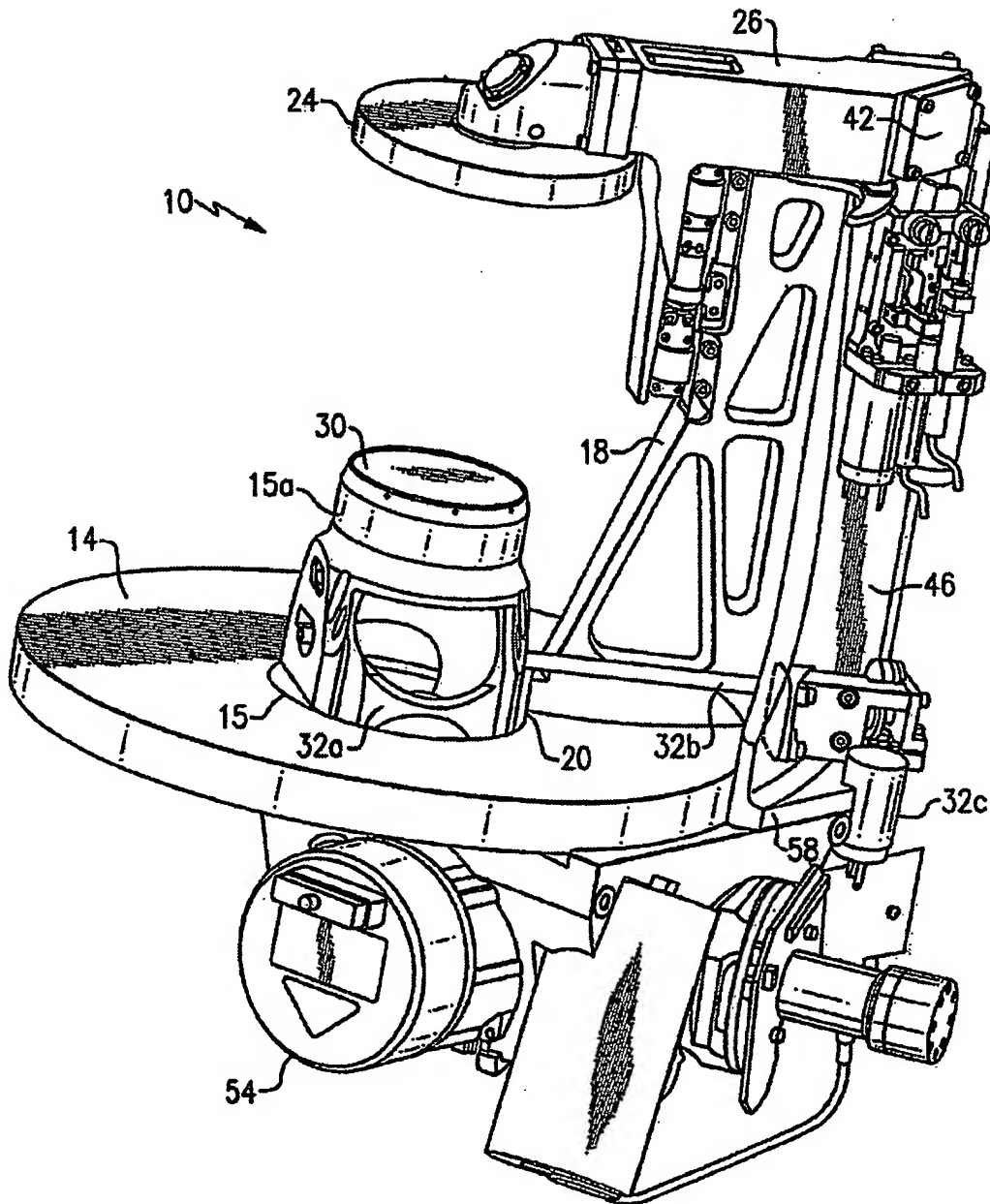
(74) Attorney, Agent, or Firm—Risto A. Rinna, Jr.

(57) **ABSTRACT**

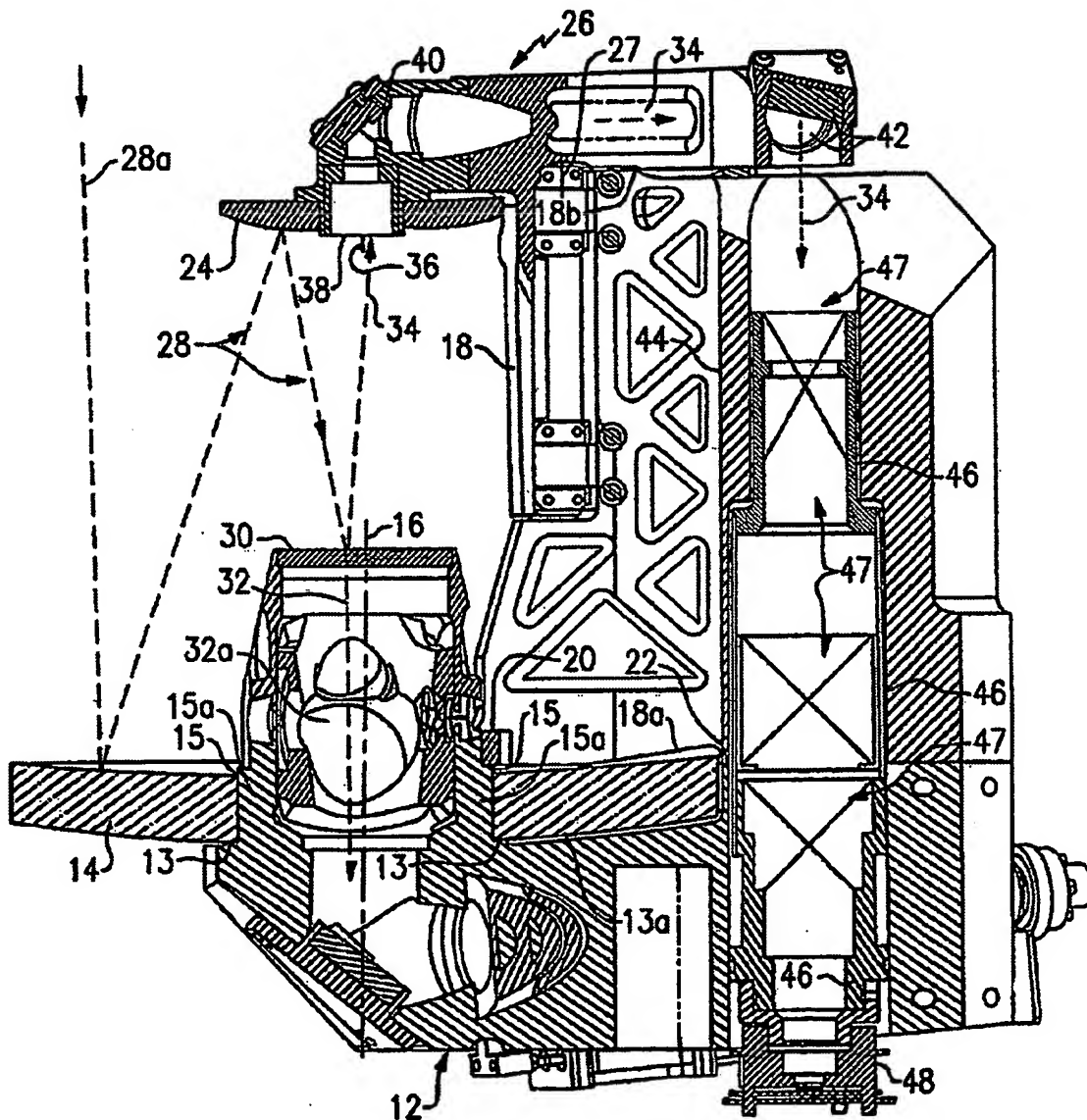
An apparatus for the focusing of incident light includes a base assembly that is adapted to support a primary mirror. The primary mirror includes an outside circumference and an inside aperture. An upright member is attached to the base assembly at a first end thereof at a first location that is disposed inside the aperture and at a second location that is disposed outside the primary mirror. The upright member includes a second end that is distally disposed with respect to the first end. The second end is adapted to receive a turret that includes a secondary mirror and is adapted to pivot between two positions. An IMU is attached to the base assembly proximate the primary mirror.

38 Claims, 7 Drawing Sheets

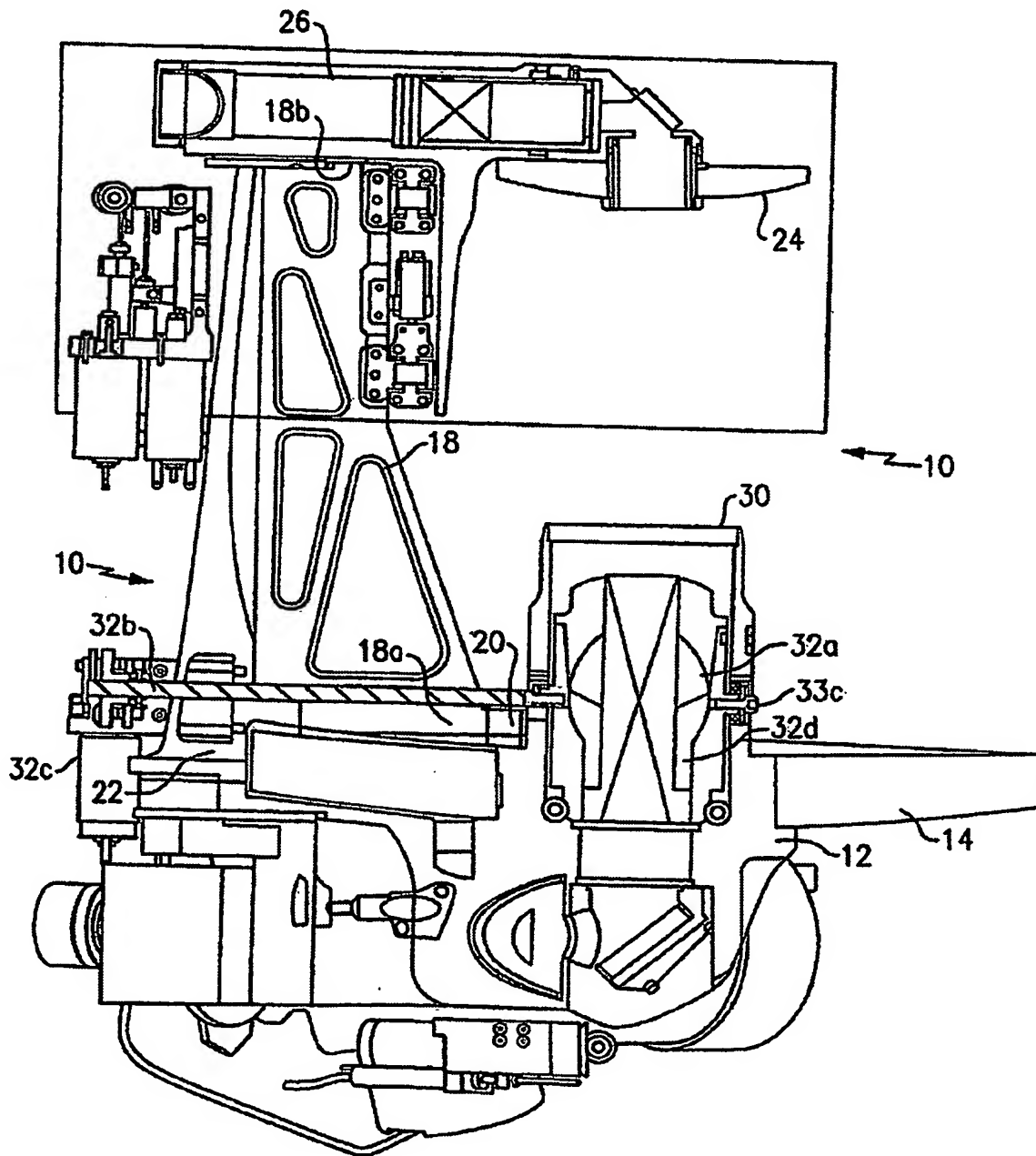




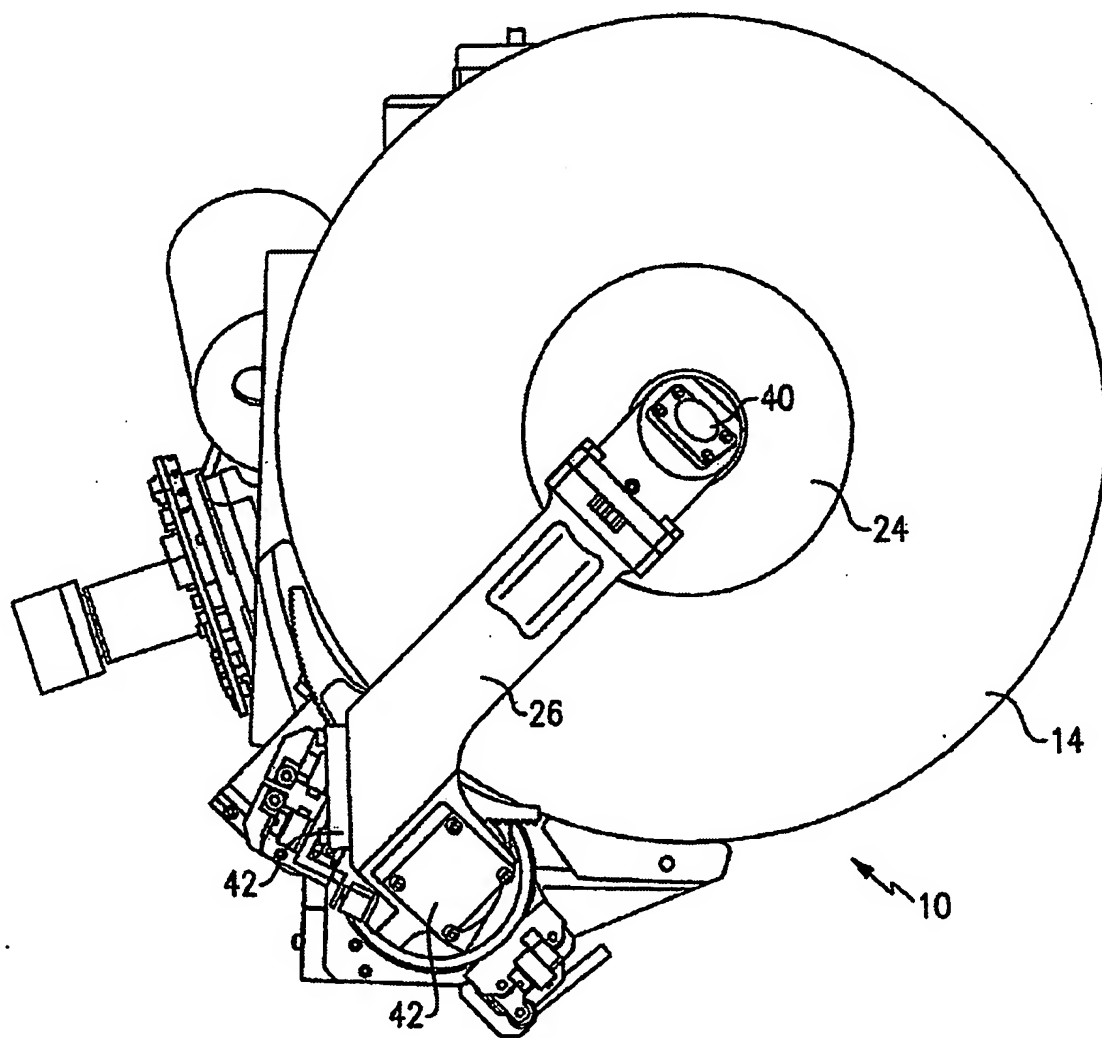
**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**

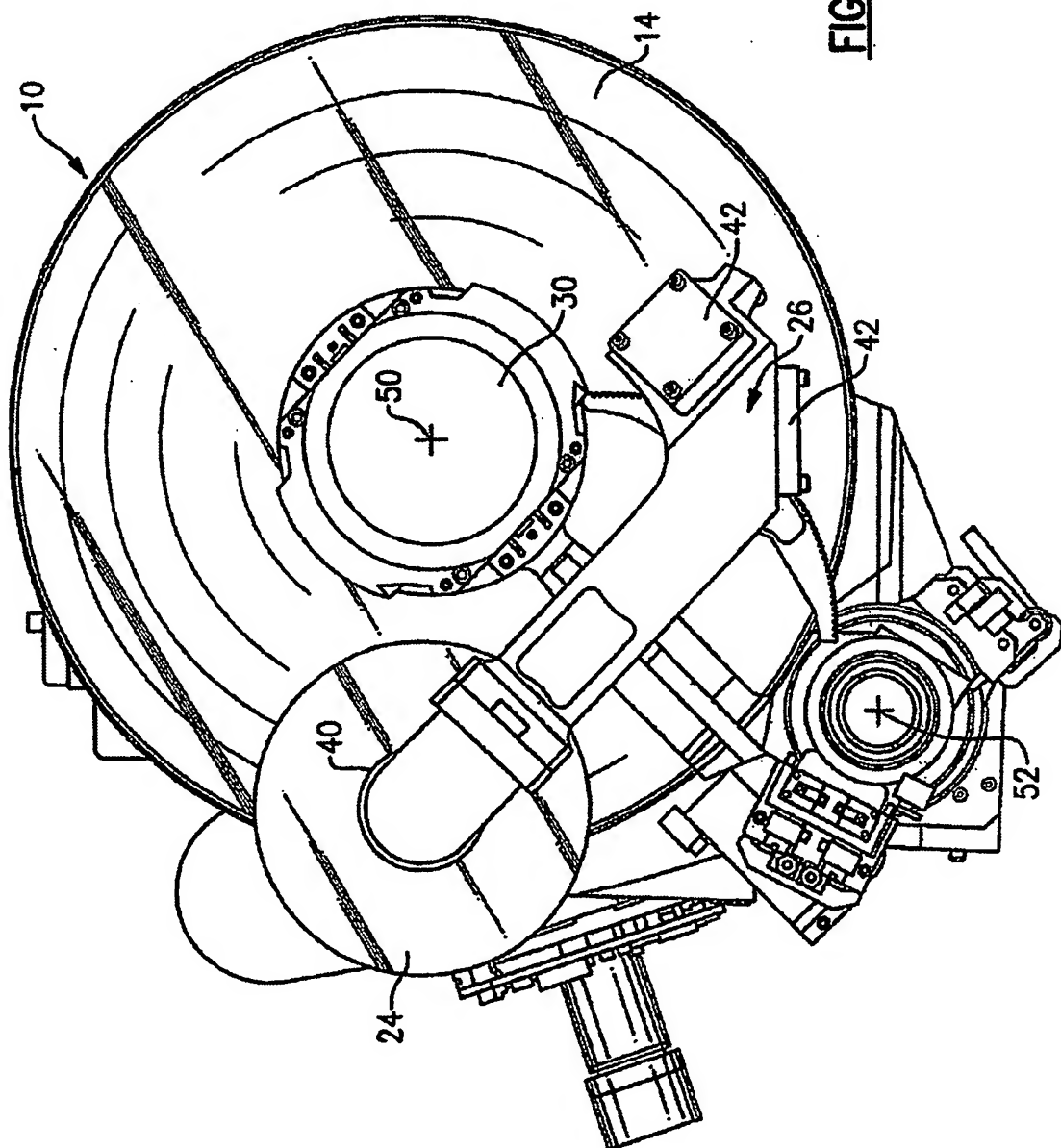
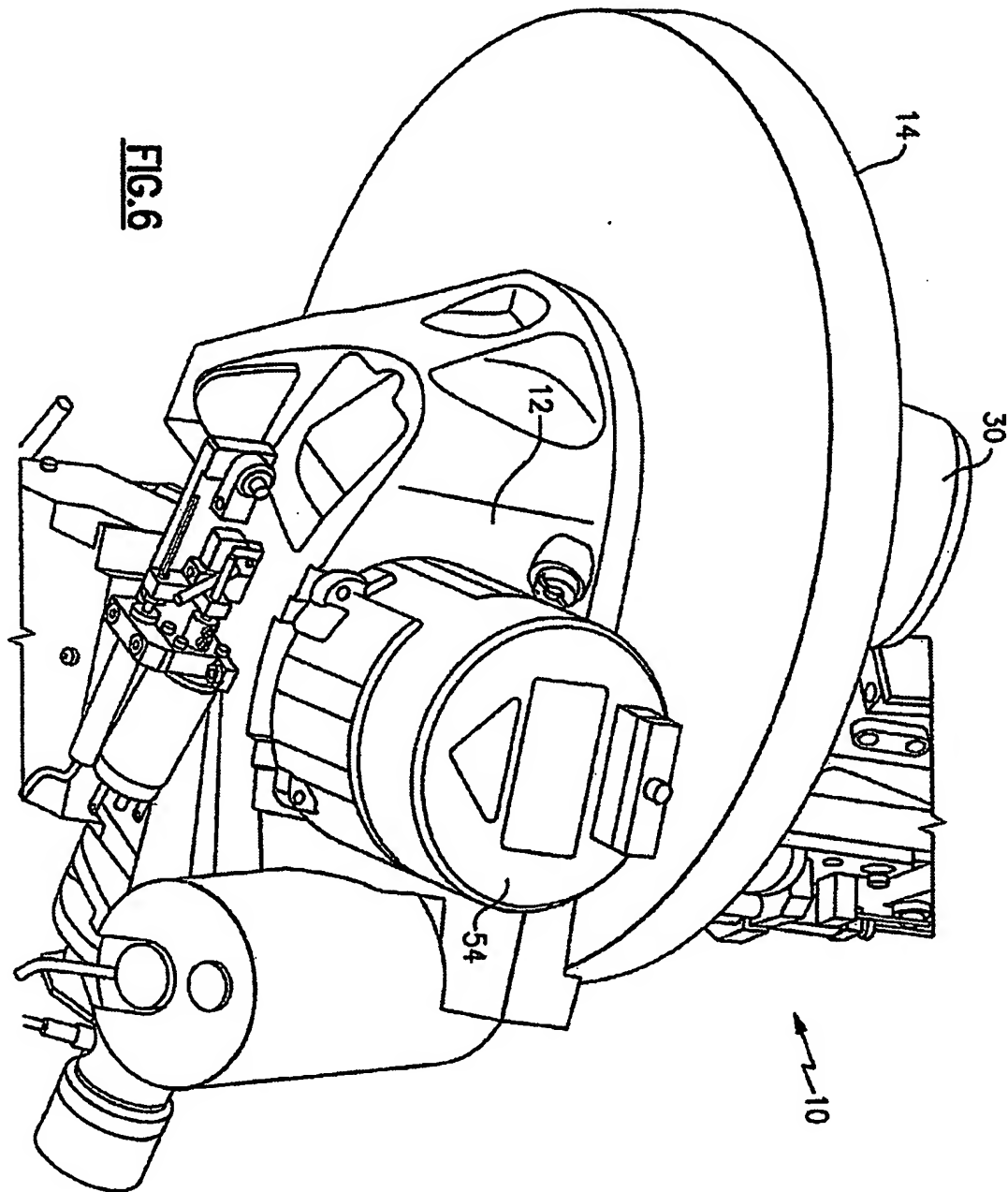
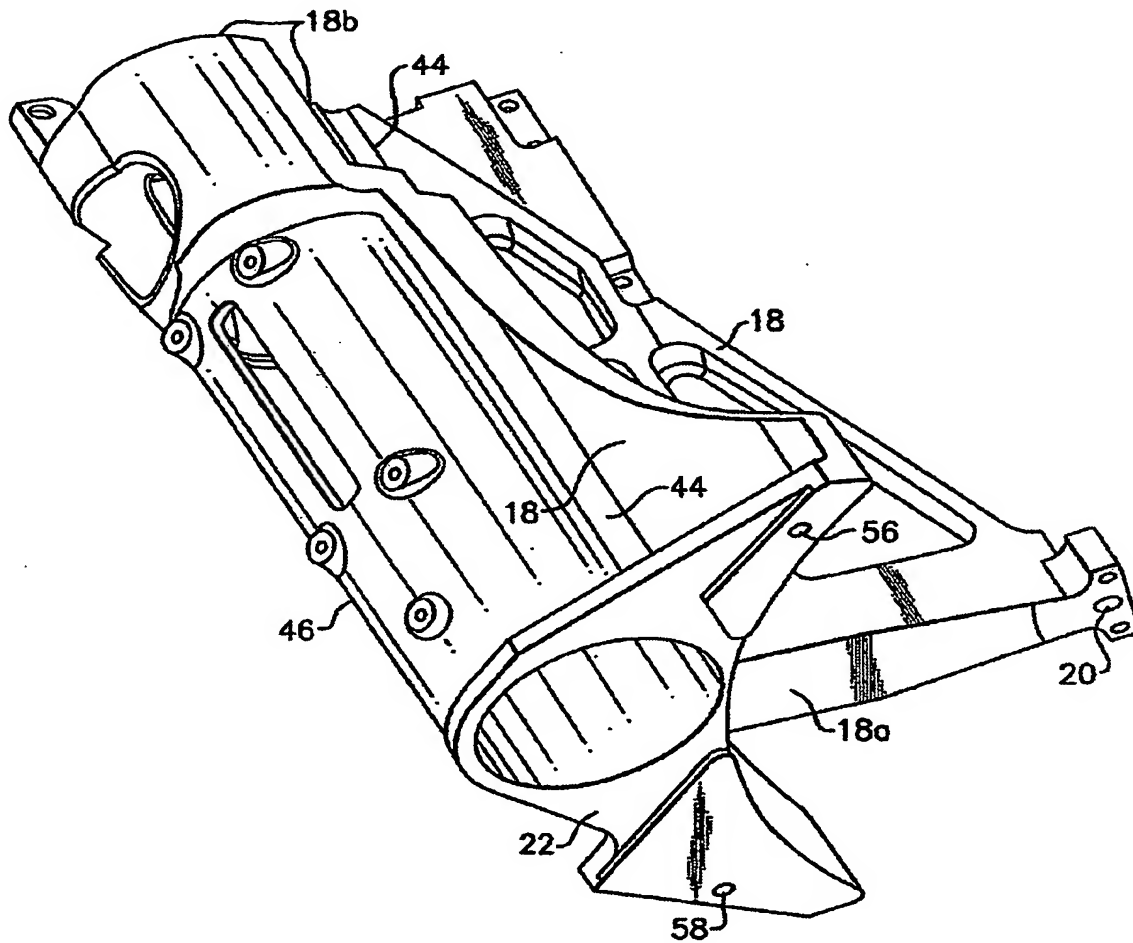


FIG. 5







**FIG.7**